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=> e nauck m/au

E1	1	NAUCK KREITEN E/AU
E2	2	NAUCK KURT R JR/AU
E3	428 -->	NAUCK M/AU
E4	297	NAUCK M A/AU
E5	36	NAUCK M S/AU
E6	1	NAUCK MANFRED/AU
E7	1	NAUCK MARIA/AU
E8	33	NAUCK MARKUS/AU
E9	8	NAUCK MARKUS S/AU
E10	36	NAUCK MATTHIAS/AU
E11	5	NAUCK MATTHIAS A/AU
E12	5	NAUCK MICHAEL/AU

=> s e3-e12

L1 820 ("NAUCK M"/AU OR "NAUCK M A"/AU OR "NAUCK M S"/AU OR "NAUCK
MANFRED"/AU OR "NAUCK MARIA"/AU OR "NAUCK MARKUS"/AU OR "NAUCK
MARKUS S"/AU OR "NAUCK MATTHIAS"/AU OR "NAUCK MATTHIAS A"/AU OR
"NAUCK MICHAEL"/AU)

=> s l1 and triglyceride?

L2 120 L1 AND TRIGLYCERIDE?

=> s l2 and separat?

L3 7 L2 AND SEPARAT?

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (5 DUPLICATES REMOVED)

=> d 1- ibib abs

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 1995:777351 CAPLUS

DOCUMENT NUMBER: 123:164628

TITLE: Determination of **triglycerides** in
lipoproteins **separated** by agarose gel
electrophoresis

AUTHOR(S): Winkler, Karl; **Nauck, Matthias**; Siekmeier,
Ruediger; Maerz, Winfried; Wieland, Heinrich

CORPORATE SOURCE: Department Medicine, Albert Ludwigs-University,
Freiburg, 79106, Germany

SOURCE: Journal of Lipid Research (1995), 36(8), 1839-47
CODEN: JLPRAW; ISSN: 0022-2275

PUBLISHER: Lipid Research, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The authors developed a simple method for the quantitation of
triglycerides in electrophoretically sepd. lipoproteins by
specific enzymic staining. After electrophoresis, glycerol is liberated
from **triglycerides** by the action of cholesterol esterase.
Glycerol is oxidized by a sequence of enzymic reactions. Due to the
presence of triose phosphate isomerase and glyceraldehyde-3-phosphate
dehydrogenase in the reaction mixt., two moles of the pptg. dye formazan
are generated per mol. glycerol. The relative amts. of .alpha.,
pre-.beta., and .beta. lipoproteins are detd. by densitometric scanning at
570 nm. Abs. **triglyceride** concns. of the resp. lipoprotein
fractions are calcd. from total **triglycerides**. When tested with

purified very low d. lipoproteins, the electrophoresis assay was linear between 0.08 and 6.5 g/l pre-.beta. lipoprotein **triglycerides**. The intra-assay and inter-assay coeffs. of variation were between 5.2% and 9.8%, and between 3.2% and 12.9%, resp. Comparison of the electrophoresis method with a combined ultracentrifugation/pptn. method in 172 sera resulted in the following correlation coeffs.: .alpha. lipoprotein vs. high d. lipoprotein **triglycerides**, $r=0.847$; pre-.beta. lipoprotein vs. very low d. lipoprotein **triglycerides**, $r = 0.989$; .beta. lipoprotein vs. low d. lipoprotein **triglycerides**, $r = 0.815$. This method is easy to perform, and is a precise and accurate technique for the detn. of lipoprotein **triglycerides**. It is the first reliable method that allows the direct quantification of LDL **triglycerides** without ultracentrifugation.

L4 ANSWER 2 OF 2 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 2

ACCESSION NUMBER: 92135811 EMBASE
DOCUMENT NUMBER: 1992135811
TITLE: Basal and nutrient-stimulated pancreatic and gastrointestinal hormone concentrations in type-1-diabetic patients after successful combined pancreas and kidney transplantation.

AUTHOR: **Nauck M.A.**; Busing M.; Orskov C.; Siegel E.G.; Talartschik J.; Baartz A.; Baartz T.; Holzer H.; Hopt U.T.; Ebert R.; Becker H.-D.; Creutzfeldt W.

CORPORATE SOURCE: Abt. Gastroenterol./Endokrinologie, Zentrum Innere Medizin, Georg-August-Universitat, Robert-Koch-Strasse 40,W-3400 Gottingen, Germany

SOURCE: Clinical Investigator, (1992) 70/1 (40-48).
ISSN: 0941-0198 CODEN: CINVE8

COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 003 Endocrinology
006 Internal Medicine
026 Immunology, Serology and Transplantation
028 Urology and Nephrology
048 Gastroenterology
037 Drug Literature Index

LANGUAGE: English
SUMMARY LANGUAGE: English

AB The secretion of pancreatic and gastrointestinal hormones in the basal state and after nutrient stimuli (50 g glucose, 50 g protein, or 30 g **triglyceride** administered on **separate** occasions) was assessed in ten previously type-1-diabetic patients after successful combined kidney and pancreas transplantation (systemic venous drainage). Fasting values were compared to matched non-diabetic kidney-transplanted patients and related to kidney function (endogenous creatine clearance) and to the type and dosage of immunosuppressive medication. In the fasting state, only IR insulin concentrations were higher in pancreas-kidney-transplanted patients (by 88%; $P = 0.001$) than in the kidney graft recipients. There were significant inverse correlations of plasma C-peptide, GIP, and gastrin immunoreactivity to endogenous creatinine clearance (kidney function). In response to nutrients, insulin secretion (IR insulin, C-peptide) was significantly stimulated by glucose, and - to a lesser degree - also by protein. Pancreatic glucagon was suppressed by glucose and stimulated by protein ingestion. GIP was raised after glucose and **triglyceride** more than after protein ($P = 0.0003$). GLP-1 immunoreactivity was stimulated by all nutrients, with a tendency towards higher responses to protein and fat ($P = 0.06$). Gastrin was mainly raised by protein. In conclusion, the overall pattern of pancreatic and gastrointestinal hormone release is normal in patients after combined pancreas-kidney-transplantation, but there are some peculiarities due to (a) systemic venous drainage of the pancreas graft (elevated fasting IR

insulin) and (b) impaired kidney function (negative correlation of fasting plasma values to endogenous creatinine clearance for C-peptide, GIP, and gastrin). The plasma levels of these important regulatory peptides and their responses to nutrient stimulation are compatible with and may contribute to the well-preserved endocrine function of the pancreatic grafts (normal or slightly impaired glucose tolerance, preserved incretin effect).

=> s electrophoretic and lipoprotein? and separation

L5 413 ELECTROPHORETIC AND LIPOPROTEIN? AND SEPARATION

=> s 15 and propylene oxide

L6 0 L5 AND PROPYLENE OXIDE

=> s 15 and polyoxyethylene

L7 0 L5 AND POLYOXYETHYLENE

=> s 15 and ?propylene?

L8 1 L5 AND ?PROPYLENE?

=> d

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1987:614495 CAPLUS

DN 107:214495

TI **Electrophoretic** technique for **separation** of
lipoproteins and **electrophoretic** gel for use therein

IN Gurske, William A.

PA Beckman Instruments, Inc., USA

SO U.S., 9 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 4696958	A	19870929	US 1985-801113	19851122
PRAI	US 1985-801113		19851122		